

STN
10535042
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(FILE 'HOME' ENTERED AT 05:52:48 ON 08 FEB 2009)

FILE 'CAPLUS' ENTERED AT 05:56:32 ON 08 FEB 2009

L1 878 S FARNESOID?
L2 829 S L1 AND RECEPTOR
L3 11 S L2 AND CRYSTAL

=> d L3 1-11

L3 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2009:104320 CAPLUS
TI Discovery of XL335 (WAY-362450), a Highly Potent, Selective, and Orally
Active Agonist of the Farnesoid X Receptor (FXR)
AU Flatt, Brenton; Martin, Richard; Wang, Tie-Lin; Mahaney, Paige; Murphy,
Brett; Gu, Xiao-Hui; Foster, Paul; Li, Jiali; Pircher, Parinaz; Petrowski,
Mary; Schulman, Ira; Westin, Stefan; Wrobel, Jay; Yan, Grace; Bischoff,
Eric; Daige, Chris; Mohan, Raju
CS Departments of Medicinal Chemistry, Structural Biology, Molecular Biology,
Lead Discovery and Pharmacology, Exelixis Inc., San Diego, CA, 92121, USA
SO Journal of Medicinal Chemistry ACS ASAP
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:1536582 CAPLUS
DN 150:72522
TI Crystallization and crystal structure of human farnesoid
X receptor mutant-ligand complexes
IN Benz, Joerg; Burger, Dominique; Joseph, Catherine; Rudolph, Markus; Ruf,
Armin; Thoma, Ralf
PA F. Hoffmann-La Roche A.-G., Switz.
SO PCT Int. Appl., 305pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008155054	A1	20081224	WO 2008-EP4672	20080611
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI EP 2007-110638 A 20070620
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:903977 CAPLUS
 DN 149:378354
 TI Conformationally constrained farnesoid X receptor
 (FXR) agonists: Naphthoic acid-based analogs of GW 4064
 AU Akwabi-Ameyaw, Adwoa; Bass, Jonathan Y.; Caldwell, Richard D.; Caravella,
 Justin A.; Chen, Lihong; Creech, Katrina L.; Deaton, David N.; Jones,
 Stacey A.; Kaldor, Istvan; Liu, Yaping; Madauss, Kevin P.; Marr, Harry B.;
 McFadyen, Robert B.; Miller, Aaron B.; Navas, Frank, III; Parks, Derek J.;
 Spearing, Paul K.; Todd, Dan; Williams, Shawn P.; Wisely, G. Bruce
 CS Department of Medicinal Chemistry, GlaxoSmithKline, Research Triangle
 Park, NC, 27709, USA
 SO Bioorganic & Medicinal Chemistry Letters (2008), 18(15), 4339-4343
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Ltd.
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2008:470410 CAPLUS
 DN 149:47221
 TI Identification of a potent synthetic FXR agonist with an unexpected mode
 of binding and activation
 AU Soisson, Stephen M.; Parthasarathy, Gopalakrishnan; Adams, Alan D.; Sahoo,
 Soumya; Sitlani, Ayesha; Sparrow, Carl; Cui, Jisong; Becker, Joseph W.
 CS Merck Research Laboratories, Rahway, NJ, 07065, USA
 SO Proceedings of the National Academy of Sciences of the United States of
 America (2008), 105(14), 5337-5342
 CODEN: PNASA6; ISSN: 0027-8424
 PB National Academy of Sciences
 DT Journal
 LA English
 RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2007:866761 CAPLUS
 DN 147:419260
 TI Nongenomic Actions of Bile Acids. Synthesis and Preliminary
 Characterization of 23- and 6,23-Alkyl-Substituted Bile Acid Derivatives
 as Selective Modulators for the G-Protein Coupled Receptor TGR5
 AU Pellicciari, Roberto; Sato, Hiroyuki; Gioiello, Antimo; Costantino,
 Gabriele; Macchiarulo, Antonio; Sadeghpour, Bahman M.; Giorgi, Gianluca;
 Schoonjans, Kristina; Auwerx, Johan
 CS Dipartimento di Chimica e Tecnologia del Farmaco, Universita di Perugia,
 Perugia, 06123, Italy
 SO Journal of Medicinal Chemistry (2007), 50(18), 4265-4268
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 147:419260
 RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2006:920053 CAPLUS
 DN 145:263427
 TI The nuclear hormone receptor farnesoid X
 receptor (FXR) is activated by androsterone
 AU Wang, Shuguang; Lai, KehDih; Moy, Franklin J.; Bhat, Anitha; Hartman,

Helen B.; Evans, Mark J.
 CS Cardiovascular and Metabolic Disease Research, Wyeth Research,
 Collegeville, PA, 19426, USA
 SO Endocrinology (2006), 147(9), 4025-4033
 CODEN: ENDOAO; ISSN: 0013-7227
 PB Endocrine Society
 DT Journal
 LA English
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:10720 CAPLUS
 DN 142:72636
 TI Megalin and cubilin expression in gallbladder epithelium and regulation by
 bile acids
 AU Erranz, Benjamin; Miquel, Juan Francisco; Argraves, W. Scott; Barth,
 Jeremy L.; Pimentel, Fernando; Marzolo, Maria-Paz
 CS Center for Cell Regulation and Pathology "Joaquin V. Luco", Departamento
 de Biologia Celular y Molecular, Facultad de Ciencias Biologicas,
 Pontificia Universidad Catolica de Chile, Santiago, Chile
 SO Journal of Lipid Research (2004), 45(12), 2185-2198
 CODEN: JLPRAW; ISSN: 0022-2275
 PB American Society for Biochemistry and Molecular Biology, Inc.
 DT Journal
 LA English
 RE.CNT 85 THERE ARE 85 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2004:513495 CAPLUS
 DN 141:47277
 TI Method for creating specific, high affinity nuclear receptor
 pharmaceuticals
 IN Baxter, John D.; Scanlan, Thomas S.; Fetterick, Robert J.; Borngraeber,
 Sabine; Webb, Paul; Chiellini, Grazia
 PA The Regents of the University of California, USA
 SO PCT Int. Appl., 164 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004052302	A2	20040624	WO 2003-US39257	20031209
	WO 2004052302	A3	20040902		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 20040110154	A1	20040610	US 2002-317034	20021210
	US 7302347	B2	20071127		
	AU 2003300852	A1	20040630	AU 2003-300852	20031209
PRAI	US 2002-317034	A	20021210		
	US 2003-453608P	P	20030310		
	US 2003-526931P	P	20031203		
	WO 2003-US39257	W	20031209		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:473214 CAPLUS
DN 141:33740
TI Method for creating specific, high affinity nuclear receptor
 pharmaceuticals
IN Baxter, John D.; Scanlan, Thomas S.; Fetterick, Robert J.; Borngraeber,
 Sabine; Webb, Paul
PA The Regents of the University of California, USA
SO U.S. Pat. Appl. Publ., 37 pp.
 CODEN: USXXCO
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 20040110154	A1	20040610	US 2002-317034	20021210
	US 7302347	B2	20071127		
	WO 2004052302	A2	20040624	WO 2003-US39257	20031209
	WO 2004052302	A3	20040902		
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	
	RW:			BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
	WO 2004052303	A2	20040624	WO 2003-US39258	20031209
	WO 2004052303	A3	20050506		
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	
	RW:			BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
	AU 2003300852	A1	20040630	AU 2003-300852	20031209
	AU 2003302741	A1	20040630	AU 2003-302741	20031209
	US 20040253648	A1	20041216	US 2003-732901	20031209
PRAI	US 2002-317034	A	20021210		
	US 2003-453608P	P	20030310		
	US 2003-526931P	P	20031203		
	WO 2003-US39257	W	20031209		
	WO 2003-US39258	W	20031209		

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:453343 CAPLUS
DN 141:19434
TI Crystal structure of the human farnesoid X
 receptor ligand binding domain complexed with fexaramine and
 identification and development of novel small molecule ligands for FXR
IN Downes, Michael R.; Verdicia, Mark A.; Noel, Joseph P.; Evans, Ronald M.;
 Bowman, Lindsey J.; Bowman, Marianne

PA The Salk Institute for Biological Studies, USA
SO PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2004046323	A2	20040603	WO 2003-US36548	20031114
	WO 2004046323	A3	20041209		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003298654	A1	20040615	AU 2003-298654	20031114
	US 20060194949	A1	20060831	US 2005-535042	20050513
PRAI	US 2002-426665P	P	20021115		
	US 2002-426668P	P	20021115		
	WO 2003-US36548	W	20031114		

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:375244 CAPLUS
DN 139:159454
TI A chemical, genetic, and structural analysis of the nuclear bile acid
receptor FXR
AU Downes, Michael; Verdecia, Mark A.; Roecker, A. J.; Hughes, Robert;
Hogenesch, John B.; Kast-Woelbern, Heidi R.; Bowman, Marianne E.; Ferrer,
Jean-Luc; Anisfeld, Andrew M.; Edwards, Peter A.; Rosenfeld, John M.;
Alvarez, Jacqueline G. A.; Noel, Joseph P.; Nicolaou, K. C.; Evans, Ronald
M.
CS Gene Expression Laboratory, Howard Hughes Medical Institute, La Jolla, CA,
92037, USA
SO Molecular Cell (2003), 11(4), 1079-1092
CODEN: MOCEFL; ISSN: 1097-2765
PB Cell Press
DT Journal
LA English
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT